Begin by downloading the zip file for gnu radio components and extract the folder. I placed the extracted folder in the C:drive.

[gnuradio\_components.rar - Google Drive](https://drive.google.com/file/d/1E-fl3C55wpAZyqESjt1S5UyDY5Q_1sy2/view)

Installation Order:

1. vc\_redist.x86 – double click file and follow the installer.
2. python-2.7.15.amd64 – double click and follow the installer, probably should install for all users.

At this point check environment variables. In file browser, right click ‘This PC’. Properties. Advanced System Settings. Environment Variables. Under System Variables. Double click the ‘Path’ and check for the following paths:



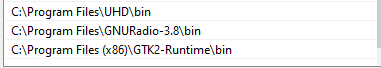
If they do not exist, create them by selecting, new and typing the path for where Python 27 was installed in file browser.

1. Next, download get-pip.py from the webpage and place on desktop: [Installation - pip documentation v21.0 (pypa.io)](https://pip.pypa.io/en/stable/installing/)
2. Open up command prompt, check python is working by typing “python”
3. Now change directory to desktop with “cd Desktop”.
4. Now type “python get-pip.py”
5. After pip has installed, we can continue to install gnu components. Still in the command prompt, however, change directory to the gnuradio\_components folder.
6. To install the components type in the command prompt“pip install -filename-” (best to copy and paste the exact file names) in the following order:
7. pip install lxml-3.5.0-cp27-cp27m-win\_amd64.Release.whl
8. pip install numpy-1.10.4-cp27-cp27m-win\_amd64.ReleaseDLL.whl
9. pip install PyQt4-4.11.4-cp27-cp27m-win\_amd64.whl
10. PyQwt-5.2.1.win-amd64.ReleaseDLL is installed by double clicking the file and doing a normal installation.
11. pip install Cheetah-2.4.4-cp27-cp27m-win\_amd64.ReleaseDLL.whl
12. pip install PyOpenGL-3.1.0-py2-none-any.whl
13. pip install pygtk-2.22.0-cp27-none-win\_amd64.whl
14. gtk2-runtime-2.24.10-2012-10-10-ash is installed by doubling clicking the file and doing a normal installation.
15. pip install wx-3.0-cp27-none-win\_amd64.ReleaseDLL.whl
16. wxPython-common-3.0.2.0.win-amd64.ReleaseDLL is installed by doubling clicking the file and doing a normal installation.
17. Now install the uhd\_3.9.6-release\_x64\_VS2015. Again, probably should install for all users.
18. Now to download GNU Radio from the following link and execute the file to install. [www.gcndevelopment.com/gnuradio/downloads.htm](http://www.gcndevelopment.com/gnuradio/downloads.htm)
19. Finally, we need to check the environment variables again. In file browser, right click ‘This PC’. Properties. Advanced System Settings. Environment Variables. Under System Variables. There should be a variable known as:



If it does not exists create a new system variable, as shown above and select the path from where GNU Radio was installed.

With the variable created. Now click the PATH variable again and check for the following variables:



If not, create them.

Last of all, under system variables there should be the following path:



If it does not exist. Create the PATH.

You can now run GNU Radio Command Prompt, which should be in your windows search bar. The errors should not matter.

Make sure to save GNU radio files to a place such as desktop, rather than in the default bin.